

(FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS' ENTERED AT 17:16:26 ON 18 DEC  
2006)

L1            21 S OLIGONUCLEOTIDE AND DUPLEX AND LIGATION AND OVERHANG  
L2            460 S (LIGATION OR LIGATION) (S) 42  
L3            471 S (LIGATION OR LIGATING OR LIGATE) (S) 42  
L4            1757 S (LIGATION OR LIGATING OR LIGATE) (S) 50  
L5            12 S L3 AND OLIGONUCLEOTIDE  
L6            6 S L3 AND DUPLEX  
L7            0 S L5 AND L6  
L8            23 S L3 AND L4  
L9            11 DUPLICATE REMOVE L8 (12 DUPLICATES REMOVED)  
L10          6365 S OLIGONUCLEOTIDE (S) DUPLEX  
L11          1 S L10 AND ((LIGATE OR LIGATION) (S) TEMPERATURE)  
L12          70 S LIGATION AMPLIFICATION  
L13          8 S L12 AND (THERMOSTABLE LIGASE)  
L14          2 DUPLICATE REMOVE L13 (6 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 17:23:43 ON 18 DEC 2006

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	"6458530"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:18
L2	21	"6150516"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:18
L3	12	"6110668"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:18
L4	10	"6020138"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:19
L5	26	"6013456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:20
L6	10	"6001614"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:20
L7	13	"5998175"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:20
L8	571	"5380831"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:20

## EAST Search History

L10	4	2004/0101835	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:22
L11	33	"6013445"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:22
L12	10	"5888737"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:22
L13	42	"5366877"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:23
L14	109	"5093245"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:23
L15	1	2002/0051986	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:23
L16	69	"5696249"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:24
L17	7	"5525470"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:24

## EAST Search History

L18	6	"6277635"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:24
L19	10	"6495318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:24
L20	2	"20030096291"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:24
S1	1421	chalmers.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:32
S2	87	curnow.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:32
S3	0	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:32
S4	87	S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:33
S5	0	S4 and PCR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:33

## EAST Search History

S6	36	S1 and PCR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:34
S7	13	S1 and oligo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:42
S8	17446	oligonucleotide.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:42
S9	3049	(ligation or ligating).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:44
S10	1075	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:44
S11	387	S10 and overhang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:48
S12	682	S10 and duplex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 08:49
S13	284	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:49

## EAST Search History

S14	51	ligation dependent amplification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50
S15	17446	oligonucleotide.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50
S16	3049	(ligation or ligating).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50
S17	1075	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50
S18	387	S17 and overhang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50
S19	682	S17 and duplex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50
S20	284	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:56
S21	2	S14 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 12:50

## EAST Search History

S22	5	S20 and (duplex near overhang)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 13:52
S23	20	S20 and (temperature near (ligase or ligation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 13:50
S24	0	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 13:33
S25	3	S20 and (("42" or "50") near (ligase or ligation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 17:28
S26	57	S20 and (thermostable ligase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 13:52
S27	0	S22 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 13:52
S28	0	S22 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 13:59
S29	1416	ligation amplification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 17:28

## EAST Search History

S30	310	S29 and (thermostable ligase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 17:28
S31	257	S30 and duplex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 17:28
S32	50	S31 and ("42" or "50") near C)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 17:29
S33	23	S32 and overhang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/12/18 19:17